

# INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

JAN 14 2004

Titus et al

GROUP

12-21-01

## U.S. PATENT DOCUMENTS

MINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	Des. 277,061	01/08/1985	Picoy	D6	575	06/24/1982
	Des. 320,127	09/24/1991	Schopp	D6	575	05/26/1988
	Des. 371,711	07/16/1996	Clark	D6	575	01/30/1995
	Des. 371,928	07/23/1996	Evjy	D6	575	03/02/1995
	Des. 393,560	04/21/1998	Adams	D6	575	08/01/1996
	Des. 415,382	10/19/1999	Walker	D6	575	11/19/1998
	Des. 415,644	10/26/1999	Goodwin	D6	575	10/27/1998
	Des. 415,645	10/26/1999	Goodwin	D6	575	10/27/1998
	Des. 426,738	06/20/2000	Goodwin	D6	576	10/27/1998
	Des. 440,093	04/10/2001	Siegel et al.	D6	575	07/13/1995
	Des. 445,621	07/31/2001	Judkins	D6	575	04/14/2000

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


MINER

*David Pinal*

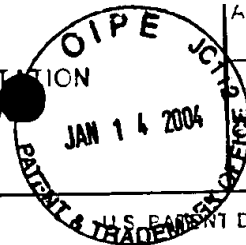
DATE CONSIDERED

4-16-04

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ATTY DOCKET NO.

0052718-0003

10/032,336

Titus et al.

CLASS

22-21-01

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## U.S. PATENT DOCUMENTS

MINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,649,583	07/22/1997	Hsu	160	84.05	04/29/1996
	6,431,245	08/13/2002	Shen	160	84.03	12/19/2000
	6,497,264	12/24/2002	Paskevicius	160	84.03	07/09/2001
	6,520,238	02/18/2003	Allsopp	160	84.04	08/13/2001
	6,543,516	04/08/2003	Hwan	160	84.01	06/28/2001

## FOREIGN PATENT DOCUMENTS

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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


MINER

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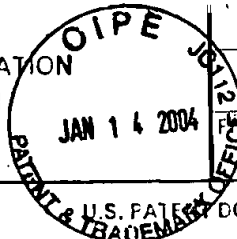
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0052718-0003

10/032,336

Titus et al.

2-21-01

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## U.S. PATENT DOCUMENTS

EXAMINER TITLE	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,928,743	05/29/1990	Wojtysiak	160	84.1	05/08/1989
	4,976,301	12/11/1990	Easley et al.	160	84.1	01/30/1985
	4,986,329	01/22/1991	Kupchunos	160	84.1	02/14/1990
	5,010,944	04/30/1991	Bussert	160	354	01/26/1990
	5,894,876	04/20/1999	O'Brien	160	84.01	04/13/1998
	2003/0051831 A1	03/20/2003	Bouldin	160	348	09/13/2002
	3,487,875	01/06/1970	H. Shukat et al.	—	—	01/23/1968
	4,069,857	01/24/1978	Brookshire	160	84	04/12/1976
	4,934,435	06/19/1990	Regev	160	84.1	12/19/1988
	5,566,734	10/22/1996	Levy et al.	160	84.01	02/23/1995
	5,566,735	10/22/1996	Jelic	160	84.04	03/28/1995

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, ...)


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0052718-0003

10/032,336

Titus et al.

FILING

December 21, 2001

GROUP

U.S. PATENT DOCUMENTS

MINER IAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1,778,499	10/14/1930	E.A. King	—	—	03/17/1928
	2,627,918	02/10/1953	M. Gordon	—	—	12/05/1950
	2,671,508	03/09/1954	M. Gordon	—	—	10/08/1951
	2,952,315	09/13/1960	H. Brontman	—	—	05/26/1958
	3,160,202	12/08/1964	J. Rosen	—	—	11/21/1962
	3,322,182	05/30/1967	G. Palella	—	—	09/08/1964
	3,999,590	12/28/1976	Koch	160	84	04/16/1975
	4,739,815	04/26/1988	Altman	160	84	08/25/1987
	4,877,075	10/31/1989	Markowitz	160	84	03/06/1984
	4,909,297	03/20/1990	Koller et al.	160	84.1	12/03/1984
	4,921,032	05/01/1990	May	160	84.1	12/02/1988

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO

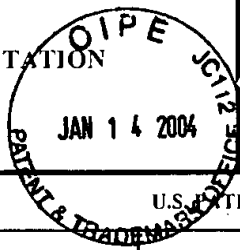
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**INFORMATION DISCLOSURE CITATION**  
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Docket Number (Optional) 0052718-00	Application Number 10/032,336
Applicant(s) Titus et al.	
Filing Date December 12, 2001	Group Art Unit

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<del>DA</del>		852,187	04/30/1907	W. Luft			
		2,611,428	09/23/1952	R.S. Van Cleeff	160	349	
		2,668,587	02/09/1954	M.A. London et al.	160	349	10/20/1951
		2,779,405	01/29/1957	A. McD. Hess	160	348	09/14/1953
		2,840,155	06/24/1958	M.L. Stern	160	124	04/02/1957
		3,487,875	01/06/1970	H. Shukat et al.	160	84	01/23/1968
		3,754,589	08/28/1973	Helmberg et al.	160	349	05/21/1972
		3,777,800	12/11/1973	Susoev	160	84	12/30/1971
		3,952,788	04/27/1976	Scholer	160	84	04/02/1975
		3,952,988	04/27/1976	Easterly	248	441	01/17/1975
<del>DA</del>		Des. 256,536	08/26/1980	Atkins	D6	208.1	10/13/1978

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER <i>David Pinal</i>	DATE CONSIDERED 4-16-04
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Docket Number (Optional)

0052718-00

Application Number

10/032,336

Applicant(s)

Titus et al.

Filing Date

December 21, 2001

Group Art Unit

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TD		6,041,454	03/28/2000	Summerford	4	558	09/11/1999
TD		6,142,210	11/07/2000	Isoda	160	124	11/18/1998

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## FOREIGN PATENT DOCUMENTS

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							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

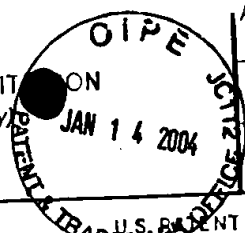
David Paul

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ATTY DCKET NO 0052718-0003 10/032,336  
Titus et al  
FILING 12-21-01  
GROUP

U.S. PATENT DOCUMENTS

NO.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	Des. 446,070	08/07/2001	Judkins	D6	575	04/13/2000
	Des. 348,371	07/05/1994	Judkins	D6	577	10/03/1991
	Des. 446,070	08/07/2001	Judkins	D6	575	04/14/2000
	Des. 440,094	04/10/2001	Shen	D6	575	01/19/1999
	Des. 468,950	01/21/2003	Judkins	D6	575	04/04/2001
	Des. 473,743	04/29/2003	Judkins	D6	575	04/2001
	Des. 295,354	04/26/1988	De Block et al.	D6	577	11/04/1985

FOREIGN PATENT DOCUMENTS

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						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER <i>David P. [Signature]</i>	DATE CONSIDERED 4-16-04
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